

December 31, 2002

MEMORANDUM TO: L. Raghavan, Chief, Section 1
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: John G. Lamb, Lead Project Manager, Generic Safety Issue 191 */RA/*
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: MEETING BETWEEN THE NUCLEAR REGULATORY COMMISSION
STAFF AND STAKEHOLDERS CONCERNING GENERIC SAFETY
ISSUE 191, "ASSESSMENT OF DEBRIS ACCUMULATION ON PWR
SUMP PERFORMANCE" (TAC NO. MA6454)

The Nuclear Regulatory Commission (NRC) staff met with stakeholders at NRC Headquarters on December 12, 2002, concerning Generic Safety Issue (GSI) 191, "Assessment of Debris Accumulation on PWR [pressurized-water reactor] Sump Performance." Attachment 1 lists the meeting participants. A public meeting notice for the subject meeting was issued on November 25, 2002 (ADAMS Accession No. ML023290596), and a copy of the meeting notice was posted on the NRC's external (public) Web page.

The purpose of the meeting was to discuss the status of NRC and industry activities for the resolution of GSI-191, as well as hear the viewpoints of interested stakeholders. The meeting consisted of three main areas: (1) the NRC perspectives on design and testing for the resolution of GSI-191, (2) high pressure safety injection (HPSI) throttle valve clogging, and (3) a Nuclear Energy Institute (NEI) industry activity update and discussion of the NEI draft Evaluation Methodology Ground Rules.

The NRC staff presented its perspectives on design and testing for the resolution of GSI-191 (Attachment 2). The stakeholders stated that the presentation was informative and that they look forward to further discussions on this topic, especially the quantification of resident debris. In addition, the NRC staff presented the HPSI throttle valve clogging issue (Attachment 3). The NRC staff stated that this issue would be included in the draft generic letter.

NEI presented an industry activity update and the NEI draft Evaluation Methodology Ground Rules (Attachment 4). The NRC staff asked several questions regarding the ground rules and the technical considerations with the various stakeholders. A discussion was introduced regarding the use of the leak-before-break methodology for debris generation. The NRC staff and NEI disagreed on the use of the leak-before-break methodology for debris generation.

The NRC staff informed the stakeholders that the NRC staff will be presenting the status of GSI-191 activities to the Advisory Committee on Reactor Safeguards (ACRS) Thermal-Hydraulic Subcommittee on February 4, 2003. The NRC staff also requested NEI to present the NEI guidelines to the ACRS Thermal-Hydraulic Subcommittee on February 4, 2003.

Attachments: 1. Meeting Attendees
2. NRC Staff Handouts
3. NRC Staff Handouts
4. NEI Handouts

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MEETING BETWEEN THE NUCLEAR REGULATORY COMMISSION,
THE NUCLEAR ENERGY INSTITUTE, AND INTERESTED STAKEHOLDERS
REGARDING GENERIC SAFETY ISSUE 191, "ASSESSMENT OF DEBRIS
ACCUMULATION ON PWR SUMP PERFORMANCE"

THURSDAY, DECEMBER 12, 2002

<u>NAME</u>	<u>ORGANIZATION</u>
J. Lamb	NRC/NRR
S. Weerakkody	NRC/NRR
J. Lehning	NRC/NRR
R. Architzel	NRC/NRR
J. Golla	NRC/NRR
D. Raleigh	Lis. Scientech
G. Darden	Dominion
J. Butler	NEI
T. Andreychek	Westinghouse
D. Licoln	ITS Corp.
J. Cavallo	CCC&L Inc.
G. Zigler	ITS Corp.
G. Champion	EDF
G. Hart	PCI
T. Maher	Proto Power Corp.
M. Freedman	OPPD
R. Oakley	Duke Energy
M. Dinger	Wolf Creek/WOG
G. Twachtman	McGraw Hill
*B. Letellier	Los Alamos
*G. Quitoriano	PG&E
*J. Brown	APS
*C. Harrington	Texas Utilities

*Participated in the meeting via teleconference